

IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #) or, (previously re-presented).

Please CANCEL claim 2-12 in accordance with the following:

2-12 (cancelled)

1. (ORIGINAL) Method for operating a mobile radio system with at least a first radio cell (C1) and a plurality of radio cells (C2 to C7; C1 to CXVII) adjacent to the first radio cell, each covered by a base station (BS1, BS2, BS3 ...; BSI, BSII ...), in which

- a sub-group (C2, C6, C7; P2 to P6) of the adjacent radio cells (C2 to C7; C1 to CXVII) is determined as a function of the position of a mobile station (MS) within the first radio cell (C1)
- and the mobile station (MS) then implements measurements of a quality parameter of signals (S2, S6, S7) from the base stations of just this sub-group (C2, C6, C7; P2 to P6) of the adjacent radio cells (C2 to C7; C1 to CXVII),

characterized by the following features:

- two groups (C1 to C7, C1 to CXVII) of respectively adjacent radio cells are overlaid locally on each other in the mobile radio system, the first radio cell (C1) belonging to the first group (C1 to C7) and the sub-group (P2 to P6) of the radio cells adjacent thereto belonging to the second group (C1 to CXVII),
- the mobile station (MS) implements measurements of a quality parameter of signals from the base stations of at least some of the immediately adjacent radio cells (C2 to C7) of the first group (C1 to C7) in the first radio cell (C1),
- it is ascertained for which of these adjacent radio cells (C2 to C7) of the first group (C1 to C7) the best measurement results result for the current position of the mobile station (MS),
- the sub-group (P2 to P6) of the radio cells of the second group (C1 to CXVII) is determined from the radio cells of the first group (C1 to C7) with the best measurement results
- and the mobile station implements measurements of the quality parameter of the signals from the base stations just of the sub-group (P2 to P6) of the adjacent radio cells of the second group (C1 to CXVII).